CLAIM LISTING

Claims 1-5 are hereby canceled without prejudice. Claims 6-10 remain pending.

1-5.   (Canceled)

6.   (Previously presented)   A system for processing price data corresponding to a sequence of time for a selected interval, said system comprising:

a database means for storing said price data in system addressable format, wherein said price data is organized for processing into a non-linear relationship;

a data processor responsive to price data stored in said database and capable of generating said non-linear relationship having a smooth, curvilinear characteristic for a range of data within said interval;

a pattern recognition processor for applying said smoothed non-linear relationship to discern the existence of one or more patterns of price-time data and generating a results output based on a recognition of said pattern, if any; and

programming to detect one or more broadening tops and broadening bottoms.

7.   (Previously presented)   A system for processing price data corresponding to a sequence of time for a selected interval, said system comprising:

a database means for storing said price data in system addressable format, wherein said price data is organized for processing into a non-linear relationship;

a data processor responsive to price data stored in said database and capable of generating said non-linear relationship having a smooth, curvilinear characteristic for a range of data within said interval;

a pattern recognition processor for applying said smoothed non-linear relationship to discern the existence of one or more patterns of price-time data and generating a results output based on a recognition of said pattern, if any; and

programming to detect one or more head and shoulders patterns.

8.   (Previously presented)   A system for processing price data corresponding to a sequence of time for a selected interval, said system comprising:

a database means for storing said price data in system addressable format, wherein said price data is organized for processing into a non-linear relationship;

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a data processor responsive to price data stored in said database and capable of generating said non-linear relationship having a smooth, curvilinear characteristic for a range of data within said interval;

a pattern recognition processor for applying said smoothed non-linear relationship to discern the existence of one or more patterns of price-time data and generating a results output based on a recognition of said pattern, if any; and

programming to detect one or more triangle tops and triangle bottoms.

9.   (Previously presented)   A system for processing price data corresponding to a sequence of time for a selected interval, said system comprising:

a database means for storing said price data in system addressable format, wherein said price data is organized for processing into a non-linear relationship;

a data processor responsive to price data stored in said database and capable of generating said non-linear relationship having a smooth, curvilinear characteristic for a range of data within said interval;

a pattern recognition processor for applying said smoothed non-linear relationship to discern the existence of one or more patterns of price-time data and generating a results output based on a recognition of said pattern, if any; and

programming to detect one or more rectangle tops and rectangle bottoms.

10.   (Previously presented)   A system for processing price data corresponding to a sequence of time for a selected interval, said system comprising:

a database means for storing said price data in system addressable format, wherein said price data is organized for processing into a non-linear relationship;

a data processor responsive to price data stored in said database and capable of generating said non-linear relationship having a smooth, curvilinear characteristic for a range of data within said interval;

a pattern recognition processor for applying said smoothed non-linear relationship to discern the existence of one or more patterns of price-time data and generating a results output based on a recognition of said pattern, if any; and

programming to detect one or more double tops and double bottoms.

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